

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Dany Sylvain  
Serial No. 10/824,039  
Filed: 04/14/2004  
For: **PERSONAL COMMUNICATION DEVICE HAVING MULTIPLE USER IDs**

Examiner: Sonia L. Gay  
Art Unit: 2614

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

**DECLARATION UNDER 37 C.F.R. § 1.131 OF BENJAMIN S. WITHROW**

1. My name is Benjamin S. Withrow of the law firm of Withrow & Terranova, PLLC, and I am a registered U.S. patent attorney, Registration No. 40,876.
2. Starting in 2000, and continuing until the present time, I have been retained as outside counsel for Nortel Networks Limited (hereinafter "Nortel"), the assignee of the present application.
3. Barring instructions to the contrary, I prepare applications in the order in which they are received from Nortel.
4. On or about January 20, 2004, Nortel requested that I prepare and file the above-referenced application (hereinafter "the present application"). Along with the request to prepare and file the present application, Nortel sent an invention disclosure that described the claimed features of the present application (attached as Appendix A).
5. At the time Nortel requested preparation and filing of the present application, I had a number of other applications (hereinafter "prior applications") on my docket that had to be prepared and filed prior to the preparation and filing of the present application. Accordingly, between about January 20, 2004 and April 14, 2004 I diligently and personally prepared the prior applications in substantially the order in which they were received.

6. On or about February 11, 2004, I completed a first draft of the application, which my assistant, Jennifer Alkove, subsequently sent to Dany Sylvain, the inventor, on February 11, 2004, as evidenced by the column entitled "Draft sent (inventor)" in Appendix B, which is a spreadsheet illustrating various actions taken with respect to the preparation and filing of the present application, and is attached herewith.
7. On or about February 16, 2004, I received comments from Dany Sylvain, as evidenced by Appendix B, in the column entitled "Draft received back (inventor)." I incorporated these comments into a second draft of the present application and sent the second draft of the present application to in-house counsel at Nortel on March 16, 2004, as evidenced by Appendix B, in the column entitled "Draft sent (IP Law)."
8. On or about April 13, 2004, I received comments back from in-house counsel at Nortel, as evidenced by Appendix B, in the column entitled "Comments received back (IP Law)."
9. On April 14, 2004, I filed the present application with the U.S. Patent and Trademark Office.
10. I hereby declare that all declarations made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

/Benjamin S. Withrow/  
Benjamin S. Withrow

January 13, 2009  
Date

# **Appendix A**

## Nortel Networks Confidential &amp; Privileged Information

OCT - 6 2003

## Invention Disclosure Submission Reply

DISC NO:	16472RO	Received Date:	04 oct 2003
Disclosed To:	Multiple userID for personal communication device		

**----- Inventors -----**

Global ID	Employee Number	Work Address	Home Address
150485 1	HR Name: SYLVAIN, DANY Known As: DANY Email:  sylvain@nort elnetworks.com Mgr First Name: STEPHEN Mgr Last Name: ELLIOTT Mgr Global ID: 1010825	Location: 3500 CARLING AVENUE NEPEAN ONTARIO K2H 8E9 CANADA  Location Code: CAR Dept: 3A10 Phone: 3937925 Ext Phone: 6137637925 Fax: 6137653313 Ext Fax: 6137653313 MailStop: 04352H09 Citizenship: CANADA	Address: 6 RUE DE BANDOL GATINEAU, QC CANADA J8T 6A6  Phone: 08195614981

**----- Attachments -----**

Multiple_profile_communicati on_device.ppt	Microsoft Powerpoint (*.ppt)	
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&lt;End of Attachments&gt;

Was this invention disclosed to inventors involved in this disclosure?	no	Was there communication with others in this disclosure?	no
Name and Job Title of Inventor(s) involved in this disclosure		Name and Job Title of Person who communicated with others in this disclosure	
STEVE ELLIOTT	WIRELINE NETWORKS**	SUE SPRADLEY	Business Unit: CTL/VOIP
Has this invention been disclosed to anyone else? If so, please complete the following sections.			
Outside Nortel - Who?	Outside Nortel - Who?		
Inside Nortel - Who?	Outside Nortel - Who?		
Reason for Disclosure	no		

## Nortel Networks Confidential & Privileged Information

Keywords for Searching:	
Multiple registration, personality, profile, call routing, SIP,	MCS, IMS
Does this invention arise from any management involvement of external organization?	no
In this invention does Standards Activity play a role?	Internal R&D Project

Technical Information	
<b>Brief Description of the Invention:</b>	
<p>Personal communication is evolving where "calls" or sessions are made toward a user and no longer toward a device (the PSTN paradigm). This new communication method allows greater flexibility and makes it easier to reach users. The closest to this model today is the cell phone where typically a user equals a phone number which is unique to the user. However users typically have multiple roles in their daily activities, for example a work role and personal role. Since most people prefer to carry only one communication device (e.g. cell phone) at a time, there is a need to facilitate the use of that device for the multiple roles, as opposed to use separate devices.</p>	
<p>This invention proposes that the communication device support multiple userID and associated profile and services. These can take the form of separate SIP userID, potentially registered to separate servers and domains. This would allow the user to be reachable everywhere using either userID but also being able to selectively use one or the other userID (e.g. turn the work userID "off" after work hours, allow only urgent calls, etc.). This type of configuration is best applied to mobile "clients", preferably to devices like cellular phones but could be used with other devices like PDA or personal computers.</p>	
<p>In addition, if the personal device is capable of both WLAN and cellular communication, it is also possible to associate two separate phone numbers to the same phone for reachability while in cellular mode.</p>	
<p>Further, the invention allows arbitration of communication using the various userID and presenting a unified user interface for all userID, providing either separate or common call logs, personal directory, messages, etc. for the various userID.</p>	
<p><b>Problems solved by the invention:</b></p> <p>Being able to use a single communication device to cover the various user roles and being able to manage in an integrated fashion the communication needs for these various roles.</p>	
<p><b>Solutions that have been considered by the inventor:</b></p> <ul style="list-style-type: none"> <li>-Carrying one separate device for each role (multiple cell phones): impractical</li> <li>-Use one of multiple devices: expensive and prone to errors</li> <li>-Multiple virtual SIM: works in the cellular environment but doesn't apply to WLAN environment. Also this solution has limited flexibility in the ability to control incoming calls and messages.</li> </ul>	
<p><b>Specific elements or steps that solved the problem and how they do it:</b></p> <p>See charts</p>	
<p><b>Commercial value of the invention to Nortel and Nortel's major competitors:</b></p> <p>As dual mode phones become popular, users will want to be able to use them for both professional and personal applications. This invention should prove highly desirable by users.</p>	

# Dual Personality - 1

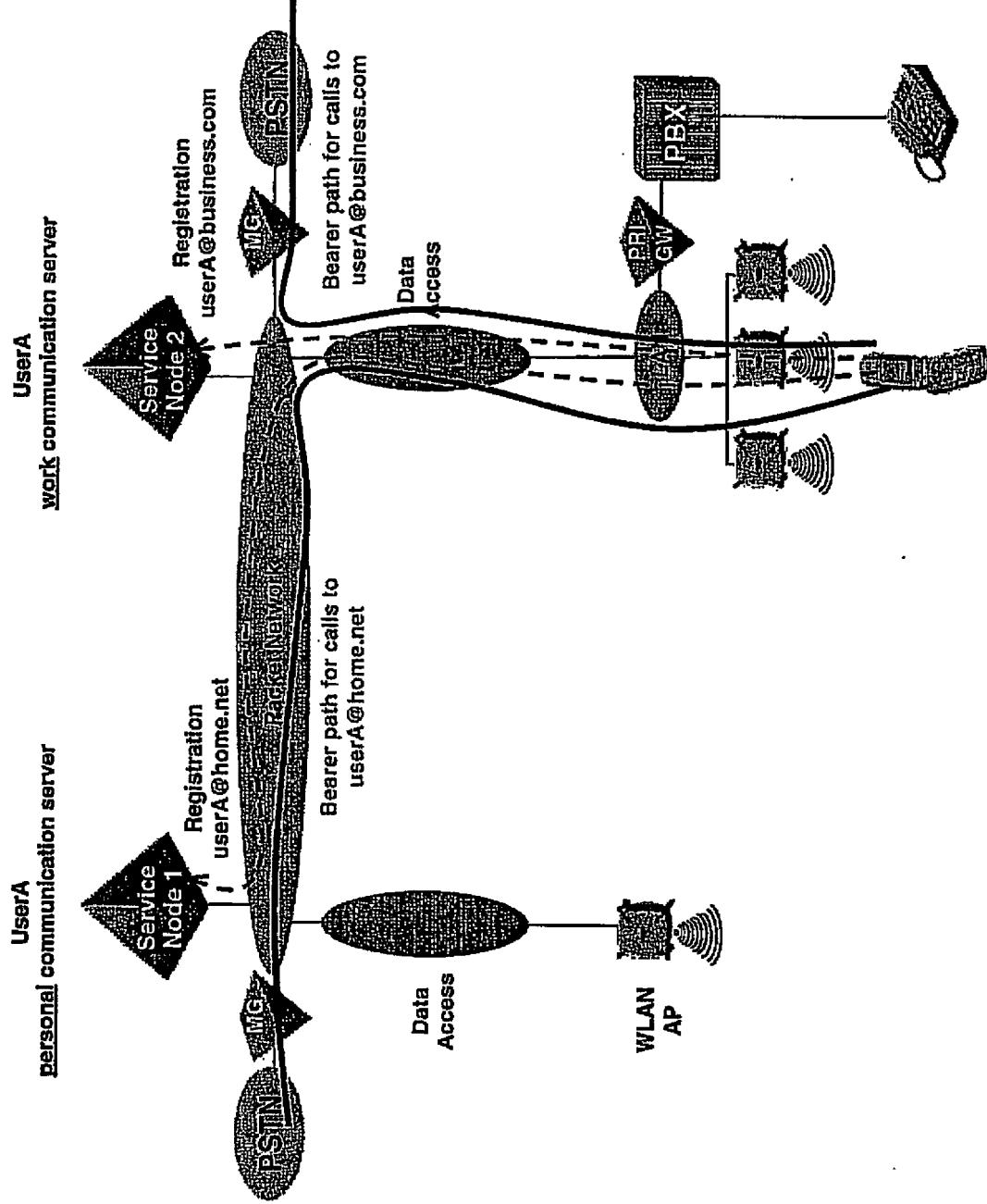


Figure 1

# Dual Personality - 2

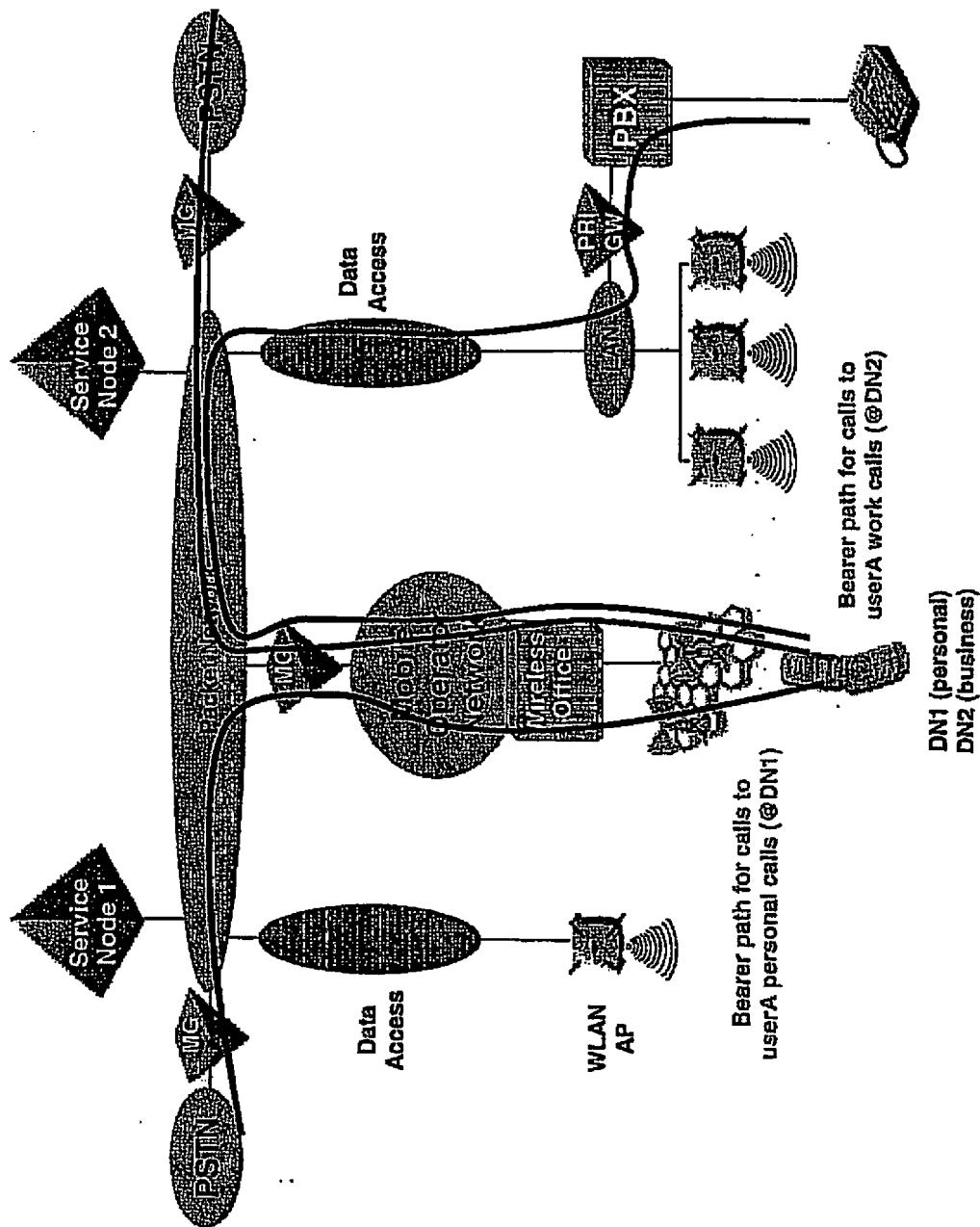


Figure 2

# Device Type 1

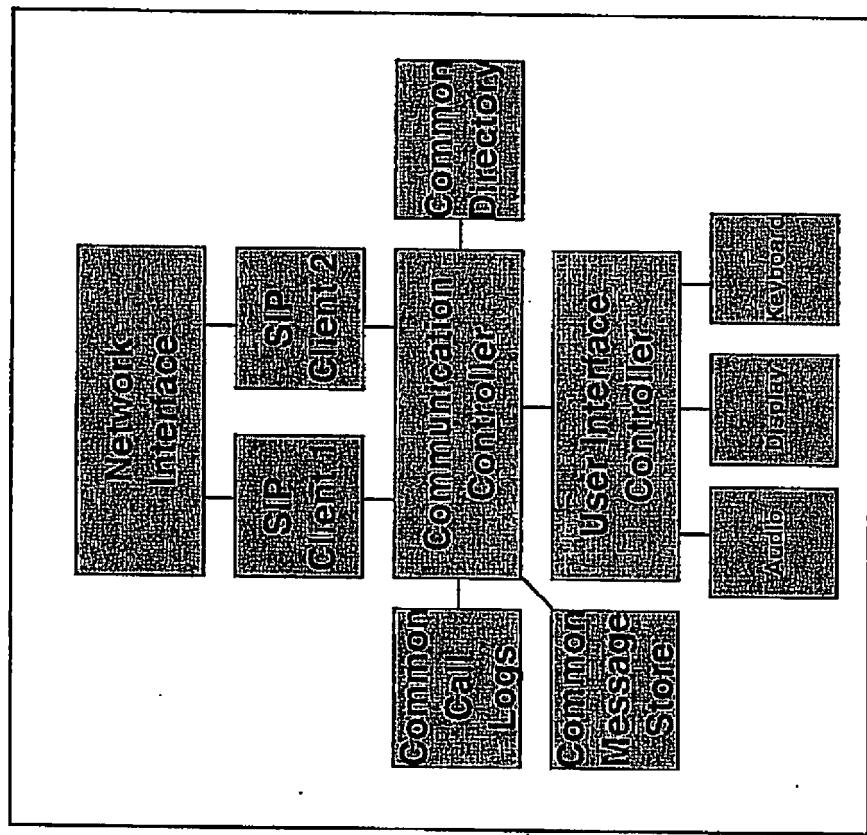


Figure 3

# Device Type 2

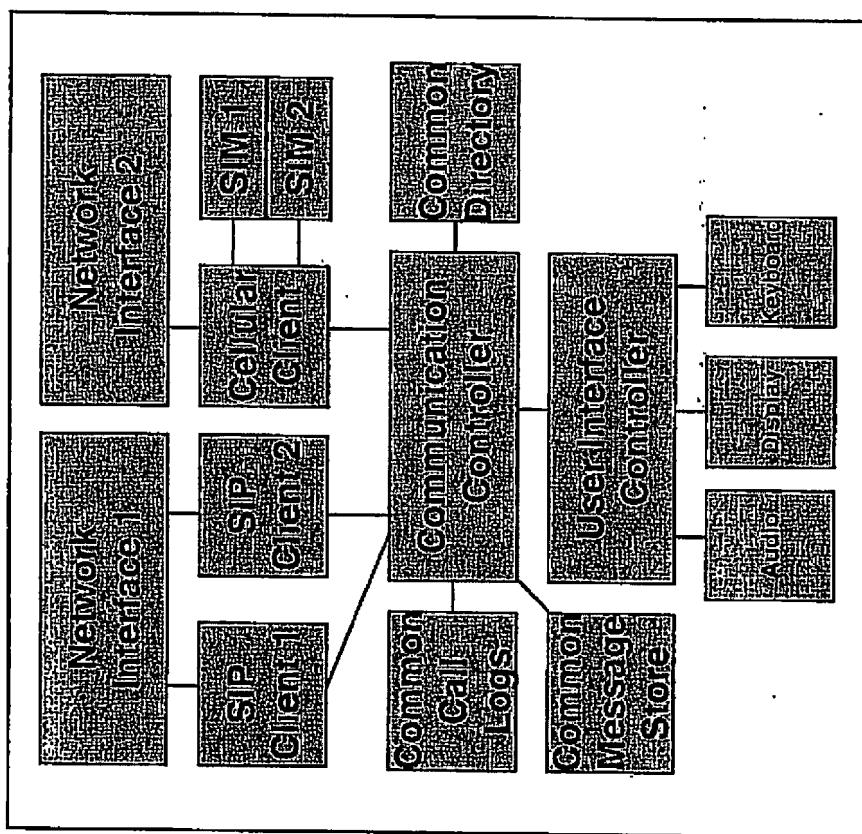


Figure 4

# **Appendix B**

Nortel Case Status								
Matter ID	Date of Letter & Fax Confirm	Met with inventor	Draft sent (inventor)	Draft received back (IP Law)	Comments received back (IP Law)	Formal paperwork sent	Formal paperwork received back	Actual filing date (Prov.)
7000-338	1/22/2004	*	2/11/2004	2/16/2004	4/13/2004	3/17/2004	3/19/2004	4/14/2004